2681

Attorney Docket No.: 15685P027

#

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In Re the Application of:

FEB 2 8 2001

CRAIG H. BARRATT

Art Group: 2681

Technology Center 2600

Application No.: 09/676,888

Examiner: Unassigned

Filed: September 29, 2000

For:

NON-DIRECTIONAL TRANSMITTING

FROM A WIRELESS DATA BASE STATION HAVING A SMART

ANTENNA SYSTEM

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56 and in accordance with 37 C.F.R. § 1.97, enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of the Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any additional fee due to Deposit Account 02-2666. A duplicate copy of

the Fee Transmittal is enclosed for this purpose.

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FEB 2 82001

Respectfully submitted,

Technology Center 2600

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date:

February 20, 2001

Gregory D. Caldwell, Reg. No. 39,926

12400 Wilshire Blvd., 7th Floor Los Angeles, California 90025 Telephone: (503) 684-6200 **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 to the Patent and Trademark Office on: *February 20, 2001*.

02/20/01

Date

PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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	Complete if Known			
FEE TRANSMITTAL OF	Application No. 09/6/6,888			
for FY 2000 /	Filian Data			
	First Named Inventor Craig H. Barratt			
Patent fees are subject to annual revision.	2 6 20 Examiner Name September 29, 2000 Craig H. Barratt Unassigned			
i g	Group/Art Unit 2681 FFB 2 8 24			
TOTAL AMOUNT OF PAYMENT (\$)	Attorney Docket Number 15685P027			
METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
1. The Commissioner is hereby authorized to	3. ADDITIONAL FEE			
credit any overpayments to:	Large Entity Small Entity			
Deposit Account 02-2666	Fee Fee Fee Fee Fee Peald			
Number 02 2000	Code (\$) Code (\$)			
Deposit Account Blakely, Sokoloff, Taylor & Zafman LLP	105 130 205 65 Surcharge - late filing fee or oath			
Name Blakely, Sokololi, Taylor & Zalman LLP	127 50 227 25 Surcharge - late provisional filing fee or			
Charge Any Additional Fee(s) Required Under 37 CFR §§ 1.16.1.17, 1.18 and 1.20.	cover sheet.			
33	139 130 139 130 Non-English specification 147 2,520 147 2,520 For filing a request for reexamination			
Applicant claims small entity status. See 37 CFR 1.27.	112 920* 112 920*Requesting publication of SIR prior to			
	Examiner action			
2. Payment Enclosed: — Or — Cradit cond — Money — Or	113 1,840* 113 1,840*Requesting publication of SIR after			
☐ Check ☐ Credit card ☐ Grder ☐ Other	Examiner action 115 110 215 55 Extension for response within first month			
FEE CALCULATION	116 390 216 195 Extension for response within second month			
1. BASIC FILING FEE	• • • • • • • • • • • • • • • • • • • •			
Large Entity Small Entity				
Fee Fee Fee Fee Description Fee Paid	118 1,390 218 695 Extension for response within fourth month			
Code (\$) Code (\$)	128 1,890 228 945 Extension to response within that month			
101 710 201 355 Utility filing fee	119 310 219 155 Notice of Appeal			
106 320 206 160 Design filing fee	120 310 220 155 Filing a brief in support of an appeal			
107 490 207 245 Plant filing fee	121 270 221 135 Request for oral hearing			
108 710 208 355 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding			
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable			
SUBTOTAL (1) (\$)	141 1,240 241 620 Petition to revive - unintentional			
	142 1,240 242 620 Utility issue fee (or reissue)			
2. EXTRA CLAIM FEES Extra Fee from	143 440 243 220 Design issue fee			
Total Claims below Fee Paid	1 144 600 244 300 Plant issue fee			
Total Claims - = X =	122 130 122 130 Petitions to the Commissioner			
Claims X = X	123 130 123 130 Petitions related to provisional applications			
Multiple Dependent =	126 180 126 180 Submission of Information Disclosure Stmt			
or number previously paid, if greater, For Reissues, see below Large Entity Small Entity	581 40 581 40 Recording each patent assignment per property (times number of properties)			
Fee Fee Fee Fee Description	146 710 246 355 Filing a submission after final rejection			
Code (\$) Code (\$)	(37 CFR 1.129(a))			
103 18 203 9 Claims in excess of 20	149 710 249 355 For each additional invention to be examined (37 CFR 1.129(b))			
102 80 202 40 Independent claims in excess of 3	170 740 270 255 Boguest for Continued Examination (BCE)			
104 260 204 135 Multiple Dependent claim, if not paid 109 80 209 40 **Reissue independent claims	169 900 169 900 Request for expedited examination			
over original patent	of a design application			
110 18 210 9 **Reissue claims in excess of 20	Other fee (specify)			
and over original patent	Other fee (specify)			
SUBTOTAL (2) (\$)	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			

SUBMITTED BY

Name (Print/Type) Gregory D. Caldwell Registration No. (Attorney/Agent) 39,926

Signature Date 02/20/01

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Substitute for form 1449A/PTO

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STATEMENT BY APPLICANT

Complete if Known					
Application Number	09/676,888	REC			
Filing Date	September 29, 200	00			
First Named Inventor	Craig H. Barratt	FFR			
Group Art Unit	2681	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			
Examiner Name	Unassigned Tel	chnology (
Attorney Docket Number	15685P027	······································			

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Sheet 1 | **of** | 2

U.S. PATENT DOCUMENT

Exam. Initials	Cite No.	Document Number	Date	Name	Class	Sub- class	(if appropriate)
	I	5,553,074	09/03/96	Acampora			
	2	5,697,066	12/09/97	Acampora			
	3	5,732,076	03/24/98	Ketseoglou et al.			
	4	5,748,676	05/05/98	Mahany			
	5	5,774,461	06/30/98	Hyden et al.			
	6	5,933,421	08/03/99	Alamouti et al.			
	7	6,018,555	01/25/00	Mahany			
7.1.							

FOREIGN PATENT DOCUMENTS

Exam. Initials	Cite No.	Document Number	Date	Country	Class	Sub- class	Trans Yes	lation No
	8	WO 98/28864	02/Jul/98			_		
	9	WO 98/33346	30/Jul/98					

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Examiner	Date
Signature	Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

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Substitute for form 1449A/PTO				Complete if Known		
INFOR	MATION	DISCLO	SURE	Application Number	09/676,888	- 16
INFORMATION DISCLOSURE			OUIL	Filing Date	September 29, 2000	FEB
STATEMENT BY APPLICANT		First Named Inventor	Craig H. Barratt	158		
				Group Art Unit	2681 Te	chnolog
		1 1		Examiner Name	Unassigned	'''''Uo g
Sheet	2	of	2	Attorney Docket Number	15685P027	

OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)

		OTHER ART (Including Title, Author, Date, Pertinent Pages, etc.)
Exam. Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	10	Zhang et al., "Performance of a Modified Polling Strategy for Broadband Wireless LANs in a Harsh Fading Environment," GLOBECOM '91, January 1991, pp. 1141-1146.
	11	Acampora et al., "A New Adaptive MAC Layer Protocol for Wireless ATM Networks in Harsh Fading and Interference Environments," 1997 IEEE, August 1997, pp. 410-415.
	12	Krishnamurthy et al., "Polling Based Media Access Protocols for Use With Smart Adaptive Array Antennas," 1998 IEEE, January 1998, pp. 337-344.
	13	Xu et al., "Throughput Multiplication of Wireless LANs for Multimedia Services: SDMA Protocol Design," 1994 IEEE, 1994, pp. 1326-1332.

Examiner	Date	
Signature	Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

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